

METHOD FOR INCREASING IONIZATION EFFICIENCY IN MASS SPECTROSCOPY

ABSTRACT

5 A mass spectrometry ionization method in which electrospray droplets or
solid sample matrices are exposed to an ion beam thereby increasing the unbalanced charge
of the analyte is provided. In another embodiment, a mass spectrometry ionization method in
which ionization of the sample is achieved by directing an ion beam at a liquid or solid
sample matrix containing analyte thereby ionizing and adding unbalanced charge to the
10 analyte is provided.

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